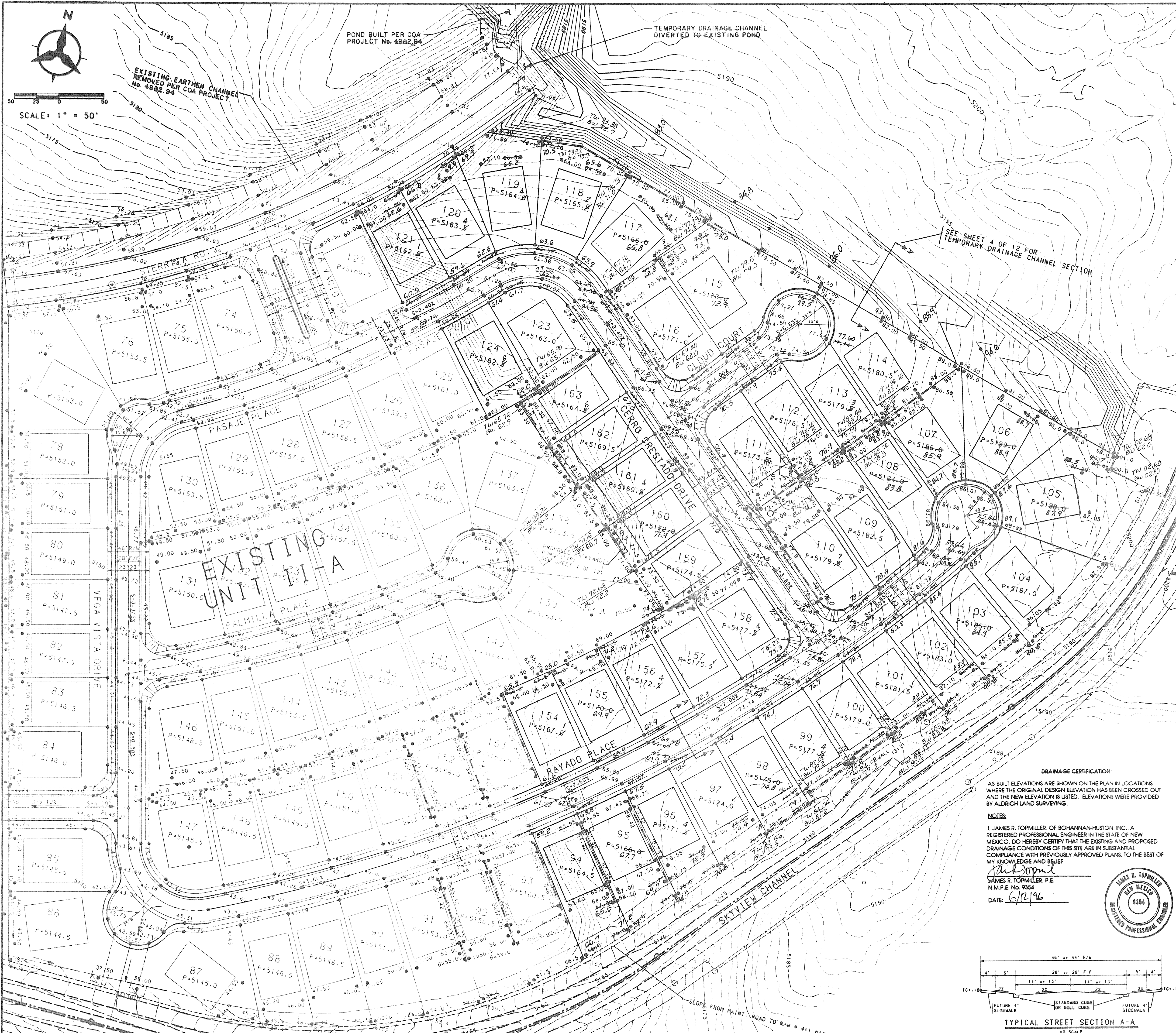




GENERAL NOTES:

1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATION AS NOTED IN THE SOILS REPORT PREPARED BY VINYARD AND ASSOCIATES DATED AUGUST 31, 1994.
3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER THE EROSION CONTROL DETAIL ON SHEET 4 AND WETTING SOIL TO KEEP IT FROM BLOWING.
5. ALL SPOT ELEVATIONS ARE TO TOP OF CURB UNLESS OTHERWISE NOTED. VALLEY GUTTER ELEVATIONS ARE SHOWN AT PROJECTED TOP OF CURB ELEVATION.

LEGEND

PROPOSED CONTOUR	---
EXISTING CONTOUR	---
EXISTING SPOT ELEVATION	• 25.50
PROPOSED SPOT ELEVATION	• 25.50
DIRECTION OF FLOW	→ S-2.564%
PROPOSED STORM DRAIN INLET	⊙
PROPOSED STORM DRAIN MANHOLE	⊙
PROPOSED RETAINING WALL	---
EXISTING RETAINING WALL	---
EXISTING STORM DRAIN MANHOLE	⊙
EXISTING STORM DRAIN INLET	⊙
EXISTING STORM DRAIN LINE	---

LEGAL DESCRIPTION:

TRACT B2B, SEVEN BAR NORTH SUBDIVISION.

APPROVED FOR ROUGH GRADING (1:1)

[Signature] 11/21/95
HYDROLOGY ENGINEER

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

SEVEN BAR NORTH - UNIT II-B
REVISED GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

DRAWING NO. 4982.95 **MAP NO.** A-13 **SHEET** 3 **OF** 12

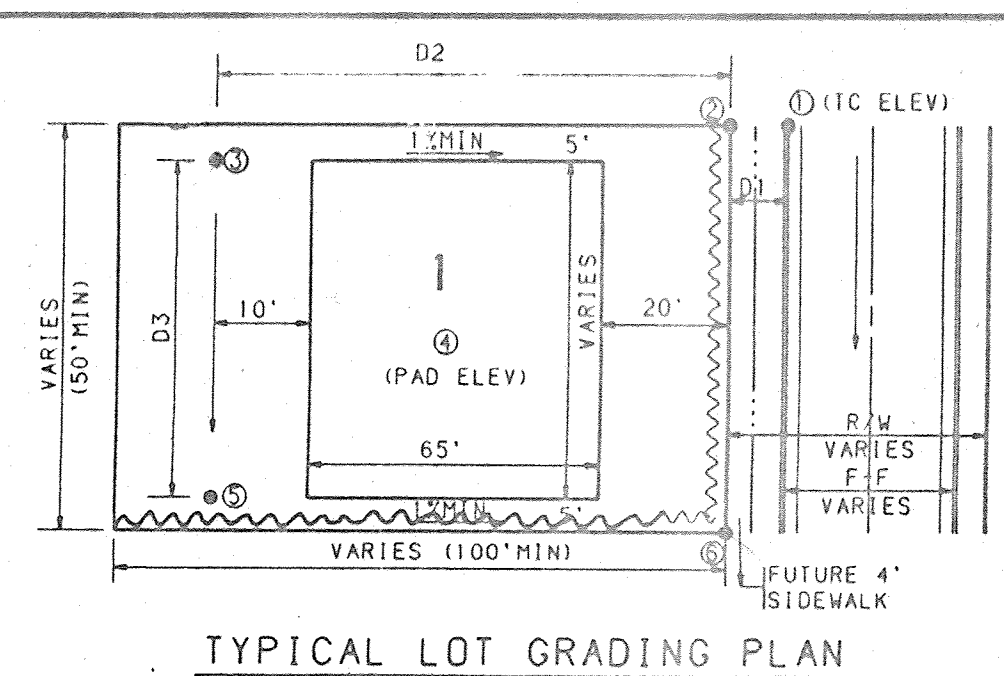
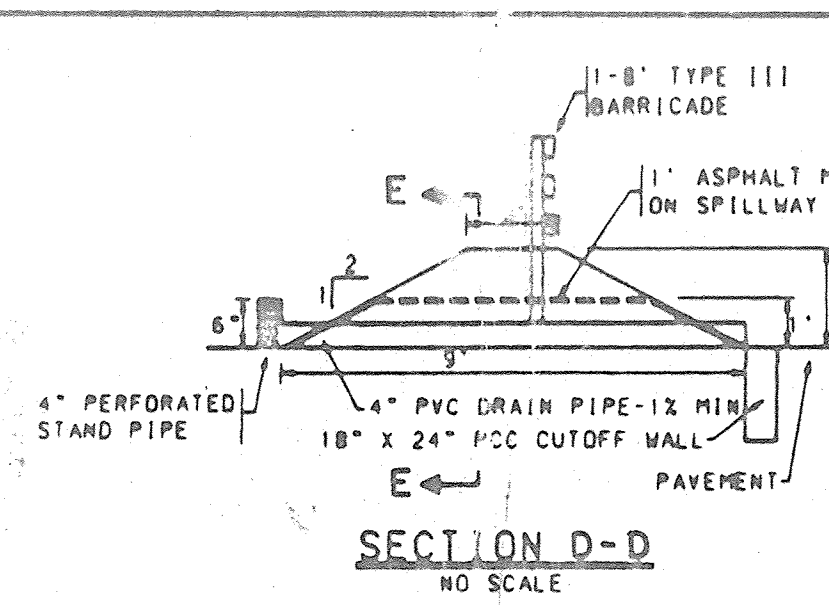
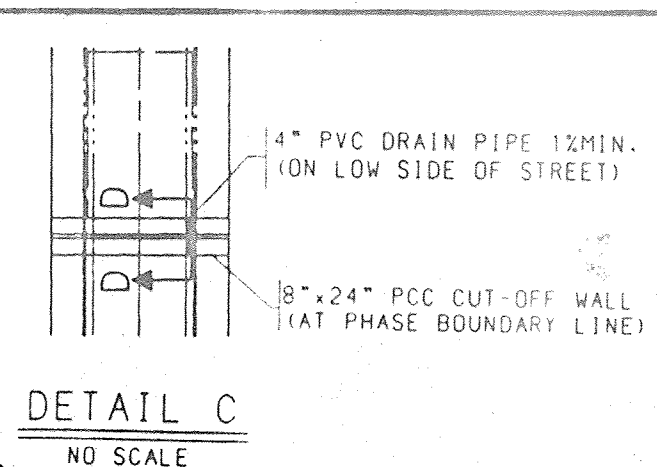
DRAINAGE CERTIFICATION

AS-BUILT ELEVATIONS ARE SHOWN ON THE PLAN IN LOCATIONS WHERE THE ORIGINAL DESIGN ELEVATION HAS BEEN CROSSED OUT AND THE NEW ELEVATION IS LISTED. ELEVATIONS WERE PROVIDED BY ALDRICH LAND SURVEYING.

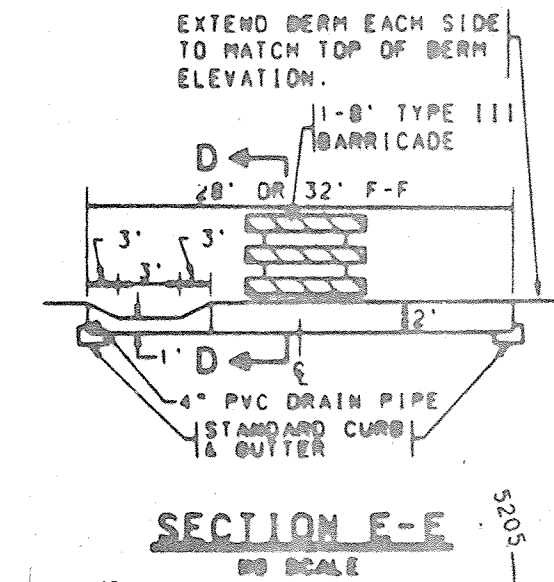
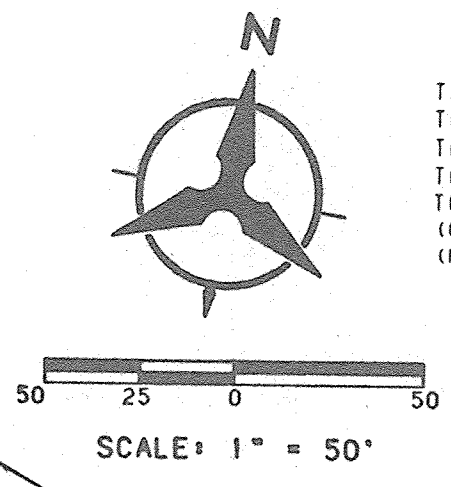
NOTES:

1. JAMES R. TOPMILLER, OF BOHANNAN-HUSTON, INC., A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE EXISTING AND PROPOSED DRAINAGE CONDITIONS OF THIS SITE ARE IN SUBSTANTIAL COMPLIANCE WITH PREVIOUSLY APPROVED PLANS, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JAMES R. TOPMILLER, P.E.
N.M.P.E. No. 9354
DATE: 11/2/95

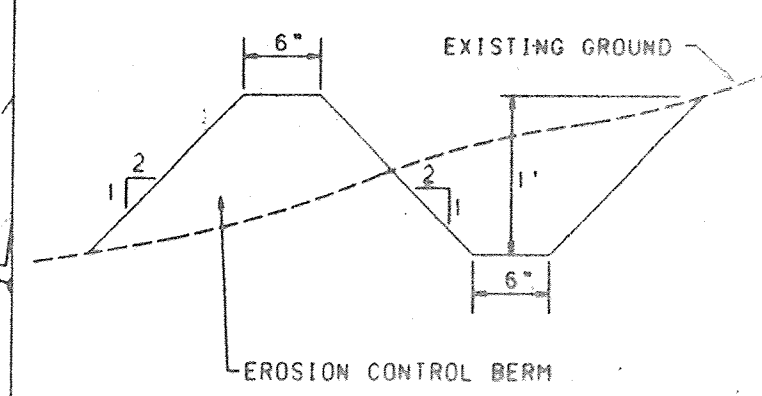


TO SET SPOT ① - MULTIPLY D1 BY 22 AND ADD TO SPOT ① ON HIGH SIDE OF STREET
TO SET SPOT ② - MULTIPLY D2 BY 12 AND ADD TO SPOT ②
TO SET SPOT ③ - ADD 0.5' TO SPOT ③ AND ROUND TO NEAREST 0.5'
TO RESET SPOT ④ - SUBTRACT 0.5' FROM SPOT ④
TO SET SPOT ⑤ - MULTIPLY D3 BY 12 AND SUBTRACT FROM SPOT ⑤
TO SET SPOT ⑥ - MULTIPLY D4 BY 12 AND SUBTRACT FROM SPOT ⑥
(CHECK SLOPE FROM SPOT ⑥ TO SPOT ⑤ TO BE MIN 1%)
(NOTE: IF STREET SLOPE IS LESS THAN 1% THEN START FROM LOW SIDE OF STREET)



GENERAL NOTES:

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3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERM AS PER DETAIL THIS SHEET AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
5. ALL SPOT ELEVATIONS ARE TO TOP OF CURB UNLESS OTHERWISE NOTED. VALLEY GUTTER ELEVATIONS ARE SHOWN AT PROJECTED TOP OF CURB ELEVATION.



EROSION CONTROL PLAN
NO SCALE

A BERM WITH THE DIMENSIONS SHOWN SHALL BE MAINTAINED DURING CONSTRUCTION UNTIL COMPLETION OF INDIVIDUAL HOMES WITHIN THE PROJECT. SEE TYPICAL LOT GRADING PLAN THIS SHEET FOR LOCATION.

NOTE:
TURN BLOCKS ON EDGE FOR WEEP HOLES
TYPICAL FOR LOTS 49, 62, 110, 116, 130, 146 & 158. SEE DETAIL SHEET 33A OF 37

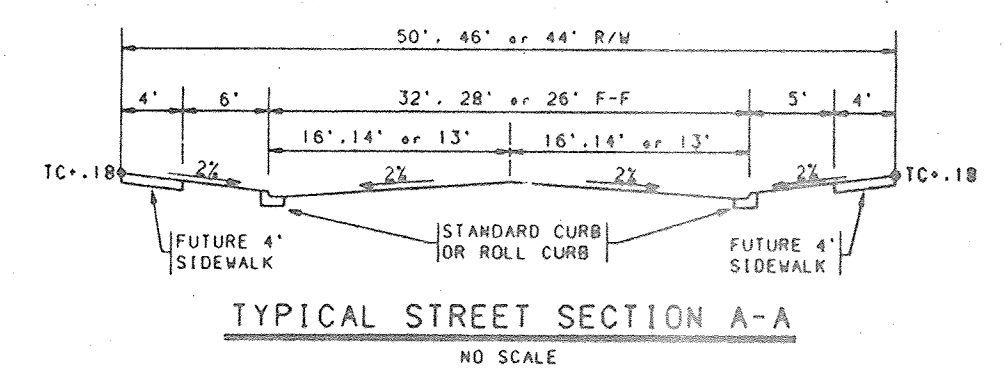
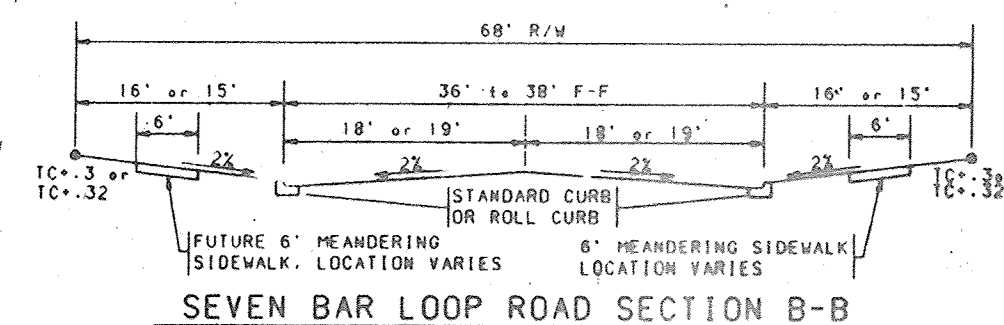
LEGEND

PROJECT BOUNDARY	---
EXISTING CONTOUR	---
EXISTING SPOT ELEVATION	○ 26.5
PROPOSED SPOT ELEVATION	○ 25.50
DIRECTION OF FLOW	→ S-2.56%
BASIN BOUNDARY	---
SUB-BASIN BOUNDARY	---
PROPOSED RETAINING WALL	---
EXISTING STORM DRAIN LINE	---
EXISTING STORM DRAIN MANHOLE	○
EXISTING STORM DRAIN INLET	○
PROPOSED STORM DRAIN LINE	---
PROPOSED STORM DRAIN MANHOLE	○
PROPOSED STORM DRAIN INLET	○
PROPOSED EROSION CONTROL BERM	---
PHASE BOUNDARY	---

MINIMUM SIZES FOR BACKYARD PONDS

LOT #	MIN. SIZE	LOT #	MIN. SIZE
5	30' x 20' x 6"	28	10' x 20' x 1"
6	25' x 10' x 1"	56	40' x 4' x 6"
7	15' x 20' x 6"	57	40' x 4' x 6"
8	10' x 20' x 1"	58	30' x 3' x 1"
9	30' x 20' x 6"	62	40' x 4' x 6"
13	10' x 15' x 6"	68-72	40' x 4' x 6"
14-26	40' x 4' x 6"	86	10' x 20' x 1"
27	50' x 5' x 6"	87	10' x 15' x 1"
		115	5' x 20' x 1"

PONDS FOR LOTS 49, 73, 110, 116, 130, 146 AND 158 ARE FOR CONTAINMENT OF NUISANCE FLOWS AND SHOULD HAVE MINIMUM DIMENSIONS OF 4' X 8' X 6".



REMOVE AND DISPOSE OF EXISTING FENCE. SALVAGE T-POSTS AND STOCKPILE ON AMAFCA PROPERTY AT CHANNEL CONFLUENCE.

CONTRACTOR INFORMATION		AS-BUILT INFORMATION	
CONTRACTOR	BOHANNAN-HUSTON, INC.	CONTRACTOR	BOHANNAN-HUSTON, INC.
STARTED BY	DATE	STARTED BY	DATE
ACCEPTED BY	DATE	ACCEPTED BY	DATE
FIELD ENGINEER	DATE	FIELD ENGINEER	DATE
REVISIONS	DATE	REVISIONS	DATE
DESIGNED BY	DATE	DESIGNED BY	DATE
DRAWN BY	DATE	DRAWN BY	DATE
CHECKED BY	DATE	CHECKED BY	DATE

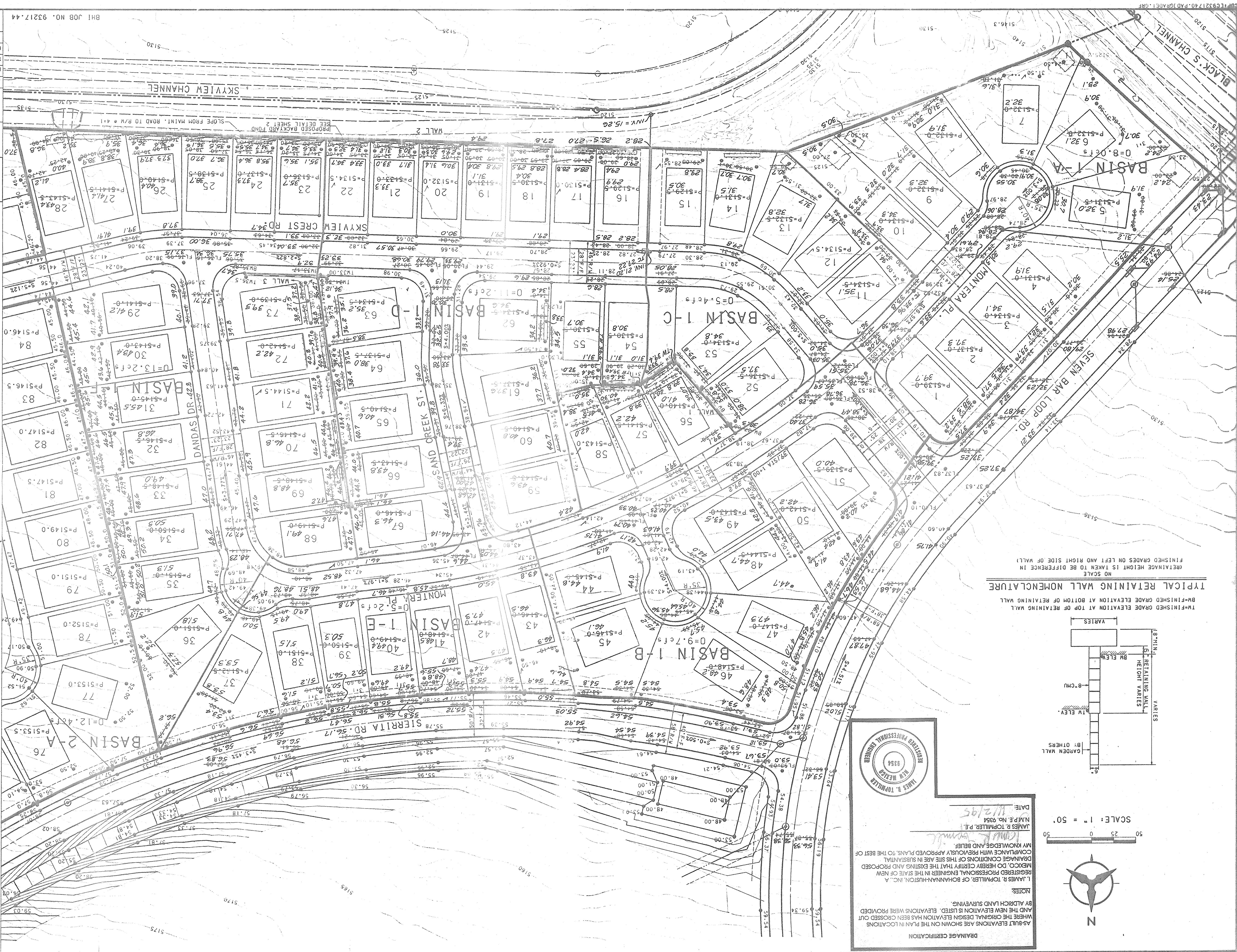
APPROVED FOR ROUGH GRADING (±1%)
HYDROLOGY ENGINEER: [Signature] DATE: 9-10-94

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

SEVEN BAR NORTH - UNIT 1 (2A)
FINAL GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DR. CHAIRMAN	N/A RHD	10-07-94	WATER	N/A RWD	10-6-94
TRANSPORTATION	N/A RWD	10-12-94	WASTE WATER	N/A RWD	10-6-94
HYDROLOGY	N/A RWD	10-12-94			

DRAWING NO. 4982.90 MAP NO. A-13 SHEET 5 OF 37



GENERAL NOTES:									
1. CONTRACTOR MUST OBTAIN A TOPSOIL VIOLATION HEALTH DIVISION FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.									
2. THE CONTRACTOR IS TO REFER TO EARL THOMAS SPECIFICATION AS NOTED IN THE SOILS REPORT PREPARED BY VINWARD AND ASSOCIATES, DATED AUGUST 31, 1994.									
3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.									
4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEN-FOOT BERM AS PER DETAIL ON SHEET X AND WEETING THE SOIL TO KEEP IT FROM BLOWING.									
5. ALL SPOT ELEVATIONS ARE TO TOP OF CURB UNLESS OTHERWISE NOTED. VALLEY GUTTER ELEVATIONS ARE SHOWN AT PROJECTED TOP OF CURB ELEVATION.									
AS-BUILT INFORMATION									
CONTRACTOR									
DRAWINGS									
DATE									
CHECKED BY									
MICRO-FILM INFORMATION									
DATE									
RECORDED BY									
NO.									
BENCH MARKS									
TBM NO. 205									
CHISEL "X" LOCATED APPROXIMATELY 459 FEET SOUTH OF THE BLOCK'S DIVERSION INLET									
STRUCTURE ON THE EAST WALL.									
ELEV. 5110.55									
FIELD NOTES									
NO. BY DATE									
SURVEY INFORMATION									
ENGINEER'S SEAL									
LEGEND									
PROJECT BOUNDARY									
EXISTING CONTOUR									
EXISTING SPOT ELEVATION									
025.5									
025.50									
DIRECTION OF FLOW									
S-2.5642									
BASIN BOUNDARY									
SUB-BASIN BOUNDARY									
PROPOSED RETAINING WALL									
EXISTING STORM DRAIN LINE									
EXISTING STORM DRAIN MANHOLE									
EXISTING STORM DRAIN INLET									
PROPOSED STORM DRAIN LINE									
PROPOSED STORM DRAIN MANHOLE									
PROPOSED STORM DRAIN INLET									
PROPOSED STORM DRAIN LINE									
PROPOSED STORM DRAIN MANHOLE									
PROPOSED STORM DRAIN INLET									
NOTE:									
SEE SHEET 2 FOR GRADING DETAILS.									
APPROVED FOR ROUGH GRADING (± 1")									
HYDROLOGY ENGINEER									
DATE									
CITY OF ALBUQUERQUE									
PUBLIC WORKS DEPARTMENT									
ENGINEERING GROUP									
SEVEN BAR NORTH - UNIT 1									
FINAL GRADING PLAN									
APPROVALS									
ENGINEER									
DATE									
APPROVALS									
ENGINEER									
DATE									
TRANSPORTATION									
HYDROLOGY									
NO. 4982.90									
DRAWING									
MAP NO. A-13									
SHEET 1 OF 2									
COPYRIGHT BOHANNAN HOLDINGS, INC. 1994									